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<141> 2003-08-04
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Ser Pro Glu Gly Ser Arg Lys Asn Pro Ala Arg Thr Cys Arg Asp Leu 35 40 45

Lys Met Cys His Ser Asp Trp Lys Ser Gly Glu Tyr Trp Ile Asp Pro
50 60

Asn Gln Gly Cys Asn Leu Asp Ala Ile Lys Val Phe Cys Asn Met Glu 65 70 75 80

Thr Gly Glu Thr Cys Val Tyr Pro Thr Gln Pro Ser Val Ala Gln Lys 85 90 95

Asn Trp Tyr Ile Ser Lys Asn Pro Lys Asp Lys Arg His Val Trp Phe 100 105 110

Gly Glu Ser Met Thr Asp Gly Phe Gln Phe Glu Tyr Gly Gly Gln Gly 115 120 125

Ser Asp Pro Ala Asp Val Ala Ile Gln Leu Thr Phe Leu Arg Leu Met 130 135 140

Ser Thr Glu Ala Ser Gln Asn Ile Thr Tyr His Cys Lys Asn Ser Val 145 150 155 160

Ala Tyr Met Asp Gln Gln Thr Gly Asn Leu Lys Lys Ala Leu Leu Leu 165 170 175

Lys Gly Ser Asn Glu Ile Glu Ile Arg Ala Glu Gly Asn Ser Arg Phe 180 185 190

Thr Tyr Ser Val Thr Val Asp Gly Cys Thr Ser His Thr Gly Ala Trp 195 200 205

Gly Lys Thr Val Ile Glu Tyr Lys Thr Thr Lys Thr Ser Arg Leu Pro 210 215 220

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Thr Leu Leu Thr Pro Glu Gly Ser Arg Lys Asn Pro Ala Arg Thr Cys

Arg Asp Leu Arg Leu Ser His Pro Glu Trp Ser Ser Gly Tyr Tyr Trp

Ile Asp Pro Asm Glm Gly Cys Thr Met Glu Ala Ile Lys Val Tyr Cys

Asp Phe Pro Thr Gly Glu Thr Cys Ile Arg Ala Gln Pro Glu Asn Ile

Pro Ala Lys Asn Trp Tyr Arg Ser Ser Lys Asp Lys Lys His Val Trp 100 105

Leu Gly Glu Thr Ile Asn Ala Cly Ser Gln Phe Glu Tyr Asn Val Glu

Gly Val Thr Ser Lys Glu Met Ala Thr Gln Leu Ala Phe Met Arg Leu 135

Leu Ala Asn Tyr Ala Ser Gln Asn Ile Thr Tyr His Cys Lys Asn Ser

Ile Ala Tyr Met Asp Glu Glu Thr Gly Asn Leu Lys Lys Ala Val Ile 170

Leu Gln Gly Ser Asn Asp Val Glu Leu Val Ala Glu Gly Asn Ser Arg

Phe Thr Tyr Thr Val Leu Val Asp Gly Cys Ser Lys Lys Thr Asn Glu

Trp Gly Lys Thr Ile Ile Glu Tyr Lys Thr Asn Lys Pro Ser Arg Leu

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Phe Phe Val Asp Ile Gly Pro Val Cys Phe Lys 245

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Pro Asp Gly Ser Arg Lys Asn Pro Ala Arg Asn Cys Arg Asp Leu Lys

Phe Cys His Pro Glu Leu Lys Ser Gly Glu Tyr Trp Val Asp Pro Asn 50 55 60

Gln Gly Cys Lys Leu Asp Ala Ile Lys Val Phe Cys Asn Met Glu Thr 65 70 75 80

Gly Glu Thr Cys Ile Ser Ala Asn Pro Leu Asn Val Pro Arg Lys His

Trp Trp Thr Asp Ser ser Ala Glu Lys Lys Ris Val Trp Phe Gly Glu
100 105 110

Ser Met Asp Gly Gly Phe Gln Phe Ser Tyr Gly Asn Pro Glu Leu Pro 115 120 125

Glu Asp Val Leu Asp Val Gln Leu Ala Phe Leu Arg Leu Leu Ser Ser 130 135 140

Arg Ala Ser Gln Asn Ile Thr Tyr His Cys Lys Asn Ser Ile Ala Tyr 145 150 155 160

Met Asp Gln Ala Ser Gly Asn Val Lys Lys Ala Leu Lys Leu Met Gly
165 170 175

Ser Asn Glu Gly Glu Phe Ly6 Ala Glu Gly Asn Ser Lys Phe Thr Tyr 180 185

Thr Val Leu Glu Asp Gly Cys Thr Lys His Thr Gly Glu Trp Ser Lys 195 200 205

Thr Val Phe Glu Tyr Arg Thr Arg Lys Ala Val Arg Leu Pro Ile Val 210 215 220

Asp Ile Ala Pro Tyr Asp Ile Gly Gly Pro Asp Gln Glu Phe Gly Val 225 230 235 240

Asp Val Gly Pro Val Cys Phe Leu 245